FIG. 1
Backgroud Art

	No. of bits	Mnemonic
master_guide_table_section(){		
table_id	8	0xC7
section_syntax_indicator	1	'1'
private_indicator	1	'1'
reserved	2	'11'
section_indicator	12	uimsbf
table_id_extension	16	0x0000
reserved	2	'11'
version_number	5	uimsbf
current_next_indicator	1	'1'
section_number	8	0x00
last_section_number	8	0x00
protocol_version	8	uimsbf
tables_defined	16	uimsbf
for(i=0; i<tables_defined; i++){		
table_type	16	uimsbf
reserved	3	'111'
table_type_PID	13	uimsbf
reserved	**3**	**'111'**
table_type_version_number	5	uimsbf
number_bytes	32	uimsbf
reserved	4	'1111'
table_type_descriptor_length	12	uimsbf
for(k=0; k<N; k++)		
descriptor()	var	
}		
reserved	4	'1111'
descriptor_length	12	uimsbf
for(l=0; l<N; l++)		
descriptor()	var	'1111'
CRC_32	32	rpchof
}		

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FIG. 2
Backgroud Art

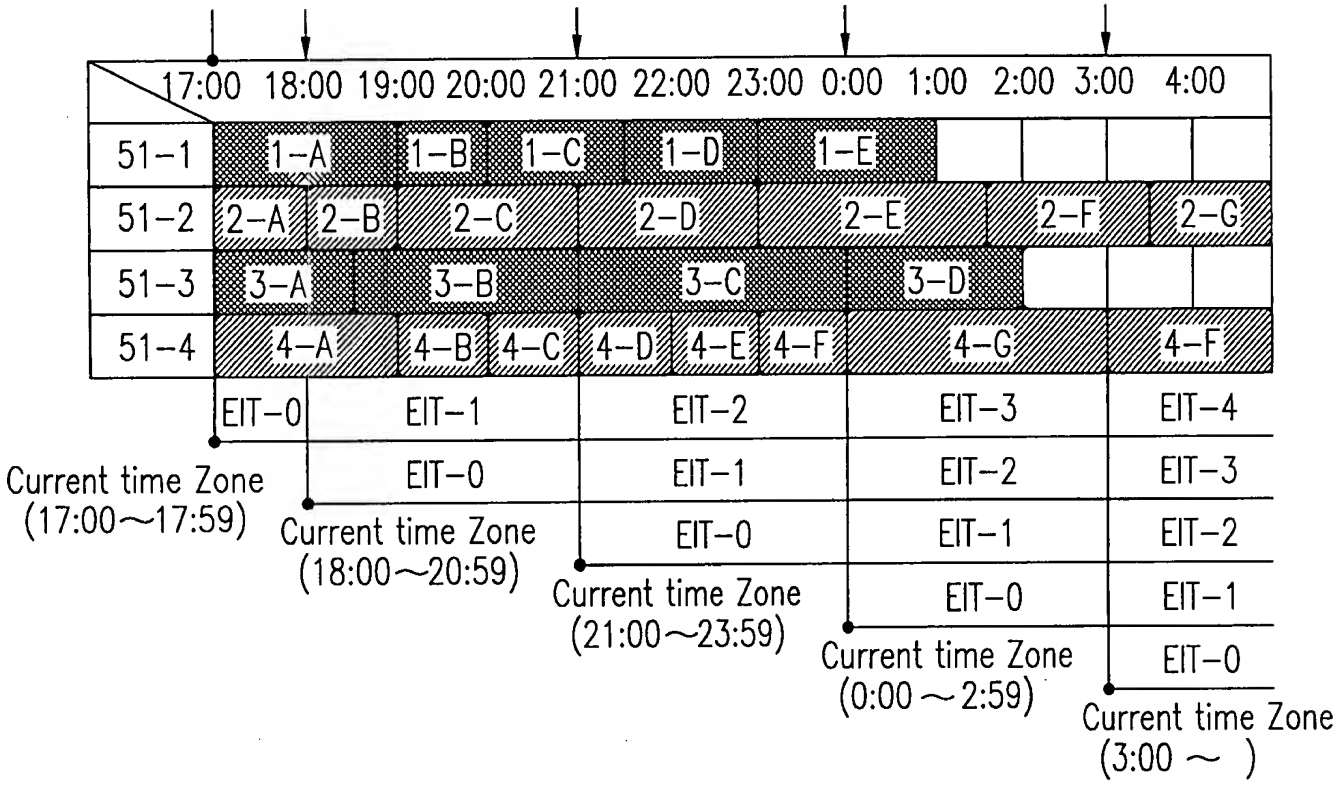

FIG.3

	No. of bits	Mnemonic
master_guide_table_section(){		
table_id	8	0xC7
section_syntax_indicator	1	'1'
private_indicator	1	'1'
reserved	2	'11'
section_indicator	12	uimsbf
table_id_extension	16	0x0000
reserved	2	'11'
version_number	5	uimsbf
current_next_indicator	1	'1'
section_number	8	0x00
last_section_number	8	0x00
protocol_version	8	uimsbf
tables_defined	16	uimsbf
for(i=0; i<tables_defined; i++){		
table_type	16	uimsbf
reserved	3	'111'
table_type_PID	13	uimsbf
reserved	**2**	**'11'**
EIT_shifted	**1**	**uimsbf**
table_type_version_number	5	uimsbf
number_bytes	32	uimsbf
reserved	4	'1111'
table_type_descriptor_length	12	uimsbf
for(k=0; k<N; k++)		
descriptor()	var	
}		
reserved	4	'1111'
descriptor_length	12	uimsbf
for(l=0; l<N; l++)		
descriptor()	var	'1111'
CRC_32	32	rpchof
}		